Index of Claims

| Application/Control No. | Applica | tion/Con | trol No. |  |
|-------------------------|---------|----------|----------|--|
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10/075,032

Examiner

Shaima Q. Aminzay

Applicant(s)/Patent under Reexamination

BRINKLEY ET AL.

Art Unit

2684

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla      | im       | L,           |          |              | [        | Date                                     | _          |                | _        |              |   | Cla          | im       | _               |   |                | _ [      | Date     | }            | _        | _ |
|----------|----------|--------------|----------|--------------|----------|--|------------|----------------|----------|--------------|---|--------------|----------|-----------------|---|----------------|----------|----------|--------------|----------|---|
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|          | 1        | 1            |          |              |          |  |            |                |          |              |   |              | 51       |                 |   |                |          |          |              |          |   |
|          | 2        | 1            |          |              |          |  |            |                |          |              |   |              | 52       |                 |   |                |          |          |              |          |   |
|          | 3        | 1            |          |              |          |  |            |                |          |              |   |              | 53       |                 |   |                |          |          |              |          | L |
|          | 4        | 1            |          |              |          |  |            |                |          |              |   |              | 54       |                 |   |                |          |          |              | L        | L |
|          | 5        | V            |          |              |          |  |            |                |          |              |   |              | 55       |                 |   |                |          |          |              |          |   |
|          | 6        | 1            |          |              |          |  |            |                |          |              |   |              | 56       |                 |   |                |          |          |              |          |   |
|          | 7        | √_           |          |              |          |  |            |                |          |              |   |              | 57       |                 | _ |                |          |          |              | L        | L |
|          | 8        | 1            |          |              |          |  | L          |                |          |              |   |              | 58       |                 | _ |                | _        |          |              |          | L |
|          | 9        | 1            |          |              |          |  |            |                |          |              |   |              | 59       | _               |   |                | _        | Щ        |              | oxdot    | L |
|          | 10       | \ \          |          |              | L        | $oxed{oxed}$                             | <u> </u>   |                | L        |              |   |              | 60       | _               | _ | _              | L        | _        | oxdot        | <u> </u> | L |
|          | 11       | V            |          | L            |          | L  | L          | L              |          |              |   |              | 61       | _               | _ |                | _        | L        | L            | L        | L |
|          | 12       | 1            |          | L            | _        | L  | _          | _              | _        |              |   |              | 62       | _               | Ц |                | _        | <u> </u> | <u> </u>     | <u> </u> | L |
|          | 13       | <u>-</u>     | 1        | <u> </u>     | <u> </u> | <u> </u>                                 | <u> </u>   | <u> </u>       | _        | $oxed{oxed}$ |   |              | 63       | _ļ              | _ |                | <b> </b> | <u> </u> | <u> </u>     | $\vdash$ | L |
|          | 14       | 1            | Ĺ        | _            | L        | _  | L          | <u> </u>       | <u> </u> | L_           | l |              | 64       |                 | _ | _              | <u> </u> | Ļ        | <u> </u>     | ↓_       | L |
|          | 15       | 1            |          |              |          | L  |            | _              | ᆫ        | _            |   |              | 65       | _               |   | _              |          | _        | <u> </u>     | ┞.       | L |
|          | 16       | 4            | L        |              |          | L  | L          | L              | _        | _            |   |              | 66       |                 |   |                |          | <u> </u> | _            | <u> </u> | ╀ |
|          | 17       | 1            | L        |              | <u> </u> | L  | L          | _              |          | L            |   |              | 67       |                 | _ | _              |          | <u> </u> | <u> </u>     | ļ.,      | L |
|          | 18       | 1            |          | _            | <u> </u> | L  | <u> </u>   | _              |          | _            | Į |              | 68       | _               |   |                | _        | _        |              | ┞-       | ₽ |
| L        | 19       | 1            | L        | L            | _        | L  | L          | ļ. <u></u>     | <u> </u> |              |   |              | 69       |                 |   |                | L        | _        | L            | <u> </u> | Ļ |
|          | 20       | 1            | <u> </u> | <u>_</u>     | L        | L  | lacksquare | L.             | 乚        | ļ.,          |   |              | 70       |                 |   | _              | <u> </u> | ╙        | <u> </u>     | <u> </u> | L |
|          | 21       | 1            | _        | _            | _        | $oxdapsymbol{oldsymbol{oldsymbol{eta}}}$ | <u> </u>   | L              | <u> </u> | _            |   |              | 71       |                 | _ | <u> </u>       | <u> </u> | <u> </u> | <u> </u>     | ▙        | Ł |
| <u></u>  | 22       | 1            | <u> </u> | L            | L_       | ┖  | L          | L.             | <u> </u> | L.           |   | <u> </u>     | 72       |                 |   | _              | <u> </u> | <u> </u> | <u> </u>     | ▙        | ╀ |
| L_       | 23       | 1            | _        |              |          | ╙  | <u> </u>   | <u> </u>       | ㄴ        | <u> </u>     |   | <u> </u>     | 73       | _               | _ |                | <u> </u> | ├        | <u> </u>     | ▙        | ╀ |
|          | 24       | 1            | _        |              |          | ㄴ  | _          | <u> </u>       | ╙        | ļ_           | Į |              | 74       | _               |   | <u> </u>       | <u> </u> | ┡        | <u> </u>     | ₩        | ╄ |
|          | 25       | ļ            | ╙        | _            | ļ.,      | ــــــ                                   | _          | L              | <u> </u> | _            | l |              | 75       | _               | _ | <u> </u>       | ┞-       | <u> </u> | ⊢            | ╄        | ╀ |
|          | 26       | <u> </u>     | ┡        | <u> </u>     |          | <u> </u>                                 | ┞          | <u> </u>       | ├-       | ┡            | ļ | <u> </u>     | 76       |                 |   | _              | ┢        | ├        | <del> </del> | ₩        | ╀ |
|          | 27       | ┞            | ļ.,      | _            | _        | <u> </u>                                 | <u> </u>   | ┞              | ╙        | -            | ļ |              | 77       |                 |   | _              | <u> </u> | ⊢        | ├-           | ⊬        | ╀ |
|          | 28       | ┞.           | ┡-       | _            | ┡        | ╙  | ↓          | <u> </u>       | ┡        | ▙            |   |              | 78       | -               |   |                | ┡        | ├-       | ├-           | ⊬        | ╀ |
| <u> </u> | 29       | ļ            | <u> </u> | _            | <u> </u> | ┡  | <u> </u>   | <del> </del> _ | ┡        | _            | ł |              | 79       | $\vdash$        |   |                | ₩        | ├-       | -            | ┼        | ╀ |
| <u> </u> | 30       | <u> </u>     | _        | L_           | ┡        | ┡  | L          | <u> </u>       | ļ.,      | _            | 1 | <u> </u>     | 80       | $\sqcup$        |   | -              | ┝        | ├-       | 1_           | ┼        | ╀ |
|          | 31       | ┞            | <u> </u> | <u> </u>     | -        | _  | <u> </u>   | <u> </u>       | ┡        | ┞            | ł |              | 81       |                 |   | -              | ⊢        | ⊢        | -            | ⊢        | ╀ |
|          | 32       | <del> </del> | <u> </u> | <u> </u>     | _        | ┡  |            | ⊢              | 1        | ╀            | ł |              | 82       | -               |   | -              | ⊢        |          | ⊢            | ╁        | ╀ |
| ļ        | 33       | ₩            | ļ        | _            | -        | ⊢  | -          | ╄              | -        | <del></del>  | 4 | ├            | 83       |                 | _ | ├              | ⊢        | -        | ╀┈           | ╁        | ╀ |
| <b></b>  | 34       | +            |          | <b>├</b>     |          | 1  | -          | ₩              | ╀        | 1-           | 1 | <u> </u>     | 84<br>85 | $\vdash \vdash$ |   | <del> </del> — | ┰        | 1        | ┼            | ╁        | + |
| -        | 35       | +-           | ├-       |              | ╀        | 1  | -          | ₩              | ⊢        | +-           | 1 | <u> </u>     |          | $\vdash$        |   | -              | $\vdash$ | +        | $\vdash$     | ╁        | + |
| <u> </u> | 36       | +            | 1        | <del> </del> | ├        | $\vdash$                                 | -          | $\vdash$       | +        | -            | ┨ |              | 86       |                 |   | -              | $\vdash$ | +-       | $\vdash$     | ╁        | + |
|          | 37       | ╀            | $\vdash$ | ├-           | ┼-       | +-                                       | $\vdash$   | -              | ┼-       | ╀            | 1 | <u> </u>     | 87<br>88 | $\vdash$        |   | $\vdash$       | ┼—       | ╁        | ╀            | ╁        | ╁ |
| <u> </u> | 38       | $\vdash$     | +        | $\vdash$     | ├-       | +  | $\vdash$   |                | $\vdash$ | +            | 1 | <b> </b>     | 89       | $\vdash \vdash$ |   | -              | 1-       | $\vdash$ | ┼            | ╀        | + |
| <u> </u> | 39       | ┼-           | ┼        | ⊢            | ┝        | <del> </del> -                           | ╀          | $\vdash$       | +-       | +            | ł |              |          | $\vdash$        |   | $\vdash$       | $\vdash$ | ╂        | +-           | +        | + |
|          | 40       | ┼-           | ┼        | ₩            | ├-       | <del> </del> —                           | +          | $\vdash$       | -        | +            | 1 | <u> </u>     | 90       | $\vdash$        | _ | $\vdash$       | ╁        | ╀-       | $\vdash$     | +        | + |
| -        | 41       | ╁            | ₩-       | +            | ⊢        | +-                                       | +          | $\vdash$       | ╁        | ┿            | 1 | <b>-</b>     | 92       | $\vdash$        | _ | -              | +        | +        | $\vdash$     | ╁        | + |
| <u> </u> | 42       | -            | +        | $\vdash$     | $\vdash$ | +-                                       | +          | +              | +-       | ╁            | 1 | <del> </del> | 93       | $\vdash \vdash$ |   | -              | +        | -        | $\vdash$     | +        | + |
| -        | 43       | ╁            | +        | $\vdash$     | ┼-       | +-                                       | ╀          | ╀              | $\vdash$ | +            | 1 |              | 94       | $\vdash$        |   | $\vdash$       | +        | ╁        | ╁            | +        | + |
| -        | 44       | +            | +        | +-           | ╀╌       | +  | ╁          | +              | ╁        | +            | 1 | <u> </u>     | 95       | $\vdash \dashv$ |   | $\vdash$       | $\vdash$ | $\vdash$ | ╁            | +        | + |
| -        | 45       | +            | +-       | +-           | ╁        | +  | -          | $\vdash$       | +        | $\vdash$     | ┨ | <del> </del> | 96       | $\vdash$        |   | $\vdash$       | +-       | +        | ╁            | +        | + |
| <b>—</b> | 46<br>47 | +-           | +-       | ╁            | ╁        | 1-                                       | +          | ╁              | $\vdash$ | +            | ┨ | $\vdash$     | 97       | Н               |   | ╁              | ╁        | +        | +            | +-       | + |
|          |          | +            | +        | $\vdash$     | ⊢        | ╁  | ╁          | ╁              | ╁╌       | ┿            | 1 |              | 98       | $\vdash$        |   | +              | +        | +        | +            | ╁        | + |
| -        | 48<br>49 | +-           | +        | +-           | ╁        | +-                                       | +          | +-             | +        | +-           | 1 |              | 99       | $\vdash$        | _ | ┢╌             | +        | +        | +-           | +        | + |
| -        | 50       | +            | +        | $\vdash$     | ╁        | ╆  | +-         | ╁              | +-       | +            | 1 | $\vdash$     | 100      |                 | _ | ╁              | +-       | +-       | ╁            | ╁        | + |
| L        | 1 30     | 1            | 1        | 1            | 1        | 1  |            |                | 1        |              | J | Щ.           | 1 100    |                 |   |                | <u> </u> |          | <u> </u>     | ل        | _ |

| <u> </u> |                | _            |              | _              | _            |  |          | _            | _          | _            |
|----------|----------------|--------------|--------------|----------------|--------------|--|----------|--------------|------------|--------------|
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| -        | 53             |              |              | $\vdash$       | -            |  |          |              | $\neg$     | $\neg$       |
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| _        | 58             |              | _            | <u> </u>       |              |  |          |              |            |              |
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|          | 70             | -            |              | ╁              | ┢            | $\vdash$   | ├─       | ⊢            | ┢          | -            |
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| <u> </u> | 79             | ⊢            | ├-           | -              | ⊢            | ├  | ⊢        | -            | ├-         | -            |
| -        | 80             | ⊢            | -            | ┝              | ⊢            | ┝  | }_       | -            | ┢          | -            |
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|          | 90             | <u> </u>     | L            | $\perp$        | $\perp$      | <u> </u>   | $\vdash$ | _            | <u> </u>   | <u> </u>     |
|          | 91             | L.           | L            | _              | ļ_           | <u> </u>   | $\vdash$ | _            | _          | L_           |
|          | 92             | $oxed{oxed}$ | _            | <u> </u>       | _            | _  | <u> </u> | <u> </u>     | _          | <u> </u>     |
|          | 93             | _            | L            | _              | <u> </u>     | 1_   | 丄        | <u> </u>     | ــــ       | $oxed{oxed}$ |
| L        | 94             |              | $oxed{oxed}$ | ┺              | ┺            | <u> </u>   | <u> </u> | _            | <u> </u>   | _            |
|          | 95             | 匚            | L            | _              | _            | $oxed{oxed}$   | _        | L            | 乚          | <u> </u>     |
|          | 96             |              | L            | 1_             | $\perp$      | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | $\perp$  | <u> </u>     | _          | $oxed{oxed}$ |
|          | 97             |              |              |                |              | $\perp$  |          | L            | _          | L            |
| L        | 98             |              |              |                |              |  |          |              | _          |              |
|          | 99             | L            |              | Ľ              | L            | L  |          |              |            |              |
|          | 100            |              | Γ            |                | T            | Τ  |          |              | Γ_         | Г            |

| Cli  | aim               |                 |  |  | [        | Date         | <del></del>  |          |          | $\neg$         |
|--|-------------------|-----------------|--|--|----------|--------------|--------------|----------|----------|----------------|
| Ħ  | 1                 |                 | Ī  |  | T        |              |              |          |          |                |
| Final  | Original          |                 |  |  |          |              |              |          |          |                |
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|  | 107               |                 | $\square$  | _  |          | <u> </u>     |              |          |          | H              |
|  | 108               |                 |  | =  |          | _            | _            | _        | _        | Н              |
|  | 109               |                 | -  |  |          | _            |              | _        |          | Н              |
|  | 110               |                 | Н  | _  |          | H            | _            | _        |          | Н              |
| <u> </u>   | 111               |                 |  | _  | _        | ┝            |              | _        | -        | Н              |
|  | 112               |                 | Н  | _  | _        | -            | H            |          | <u> </u> | $\vdash\vdash$ |
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| <del>                                     </del> | 116               | _               | H  |  | _        |              | -            |          | ┢┈       | Н              |
| ├─   | 117               | _               | Н  | _  | _        |              |              |          |          | Н              |
|  | 118               | $\vdash$        |  | -  |          | -            |              |          |          | П              |
|  | 119               | T               |  |  |          |              |              |          |          |                |
|  | 120               |                 |  |  |          | Г            |              |          |          |                |
|  | 121               |                 | Π  |  |          |              |              |          |          |                |
|  | 121<br>122        |                 |  |  |          |              |              |          |          |                |
|  | 123<br>124<br>125 |                 |  |  |          | <u> </u>     |              |          | L        |                |
|  | 124               | ╙               |  | _  | <u> </u> |              | _            | <u> </u> | _        | L              |
|  | 125               | _               | <u> </u>   | <u> </u>   | <u> </u> | ļ.,          | <u> </u>     |          | <u> </u> | $\vdash$       |
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| <u> </u>   | 127               | <u> </u>        | <u> </u>   | ├  | ┝        | <del> </del> | <u> </u>     | _        | -        | -              |
| <u> </u>   | 128               | <del> </del>    | -  | -  |          | ⊢            | -            | -        | -        | ⊢              |
| ├—   | 129<br>130        | -               |  | $\vdash$   | -        | ┢            | ├            | -        | ┢        | $\vdash$       |
| $\vdash$   | 131               | ├               | ┢  |  | -        | ⊢            | ╁            | $\vdash$ | ┢╌       | $\vdash$       |
| -  | 132               | $\vdash$        | $\vdash$   | $\vdash$   | -        | +            | H            | -        | $\vdash$ | $\vdash$       |
| -  | 132<br>133        | $\vdash$        | <del>                                     </del> | H  | -        | t            |              |          | $\vdash$ | T              |
| _  | 134               |                 | t  | T  | 1        | T            | T            |          | T        | Т              |
|  | 135               | Г               | T  |  | Г        |              |              |          |          |                |
|  | 136               |                 |  |  |          |              |              |          |          |                |
|  | 137<br>138        |                 |  |  |          |              |              |          |          |                |
|  | 138               | 匚               |  | $oxedsymbol{oxedsymbol{oxed}}$                   | $\Box$   | 匚            |              |          |          | <u> </u>       |
| L.   | 139               | _               | <u> </u>   | 1_   |          | 1_           | <u> </u>     | _        | _        | <u> </u>       |
| <u> </u>   | 140               | $oxed{igspace}$ | <u> </u>   | _  | L        | 1            | <u> </u>     | _        | ┡        | 1-             |
|  | 141               | <u> </u>        | <u> </u>   | <u> </u>   | 1        | ـ            | <del> </del> | ├        | 1        |                |
|  | 142               | ļ               | <del> </del>                                     | <u> </u>   | $\vdash$ | ╀            | ┼            | ⊢        | $\vdash$ | ـ              |
| <u> </u>   | 143               | -               | <del> </del>                                     | ⊢  | ⊢        | ╆            | ₩            | -        | $\vdash$ | +-             |
| <u> </u>   | 144               | $\vdash$        | $\vdash$   | $\vdash$   | $\vdash$ | ╂            | ┰            | +        | $\vdash$ | ╁              |
| <u> </u>   | 145<br>146        | ├               | $\vdash$   | $\vdash$   | $\vdash$ | ╁            | +-           | ┢        | ╀        | $\vdash$       |
| -  | 147               | $\vdash$        | +  | $\vdash$   | +-       | ╁            | ╁            | ┢        | ╁        | +              |
| $\vdash$   | 148               | ╁╴              | ╁  | $\vdash$   | $\vdash$ | +-           | 1            | +-       | H        | +              |
| <del> </del>                                     | 149               | H               | ╁  | <del>                                     </del> | †        | +            | 1            | $\vdash$ | +        | +              |
| 1  | 150               | T               | 1  | Τ  | 1        | Τ            | T            | T        | t        | T              |
| L  |                   |                 |  |  |          |              |              | 4        |          |                |